## Alaska Department of Natural Resources



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# EFFECTS OF CLIMATE CHANGE ON WATER RESOURCES IN ALASKA

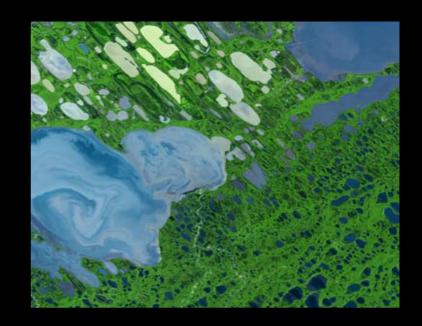


# POSSIBLE EFFECTS OF POSSIBLE CLIMATE CHANGE ON WATER RESOURCES IN ALASKA



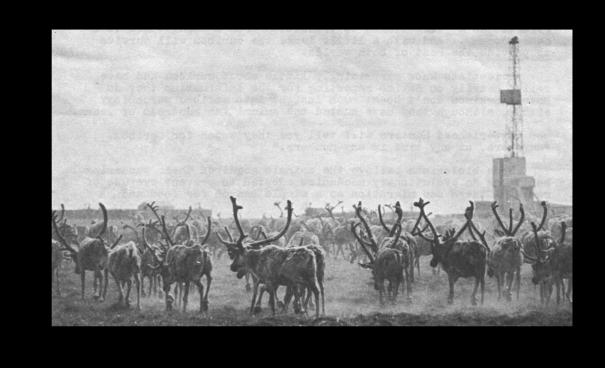


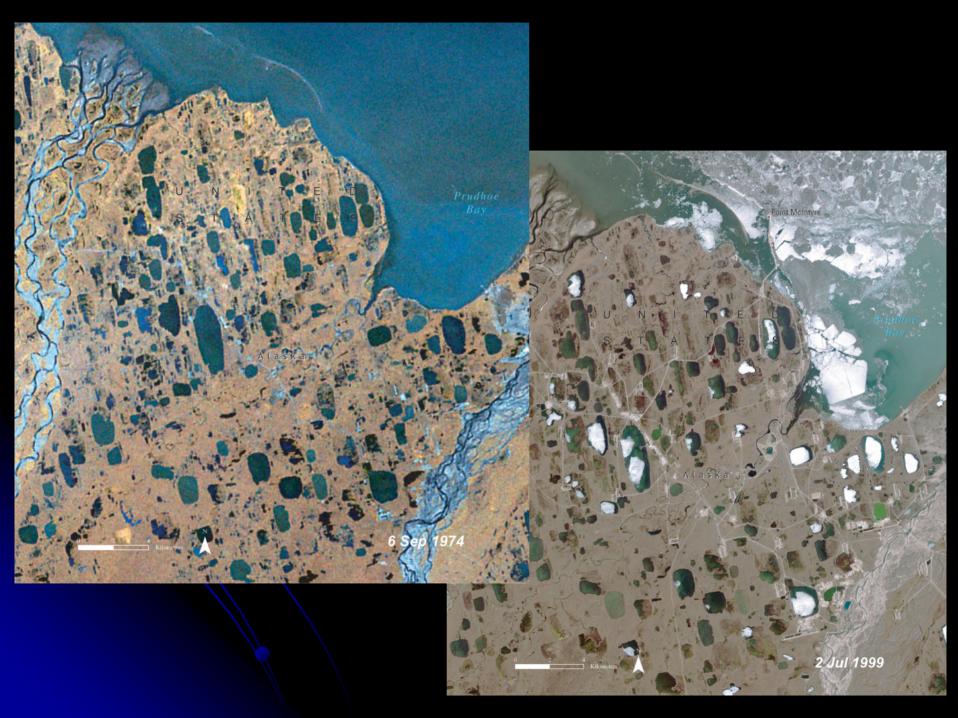












### Fact or Fiction

- All lakes with disappear with permafrost?
- With warmer temperatures on the North Slope, there would be an increase in precipitation?
- If precipitation falls as rain, groundwater recharge will suffer?















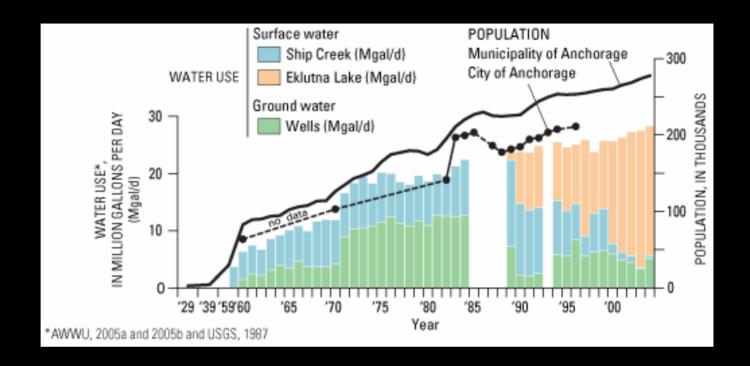


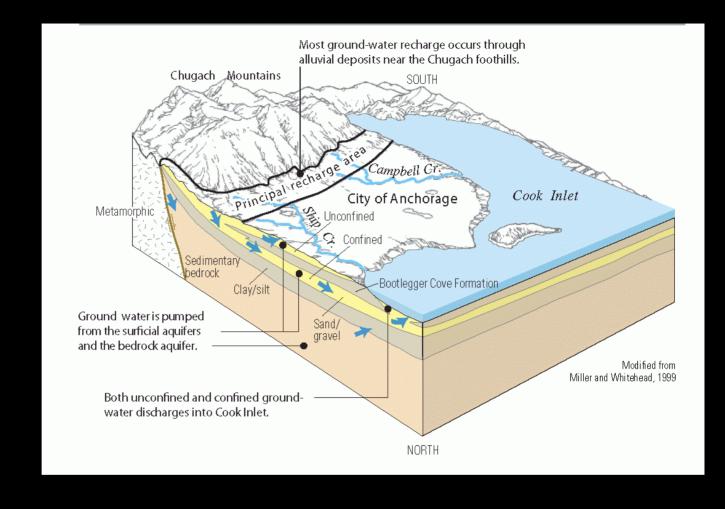


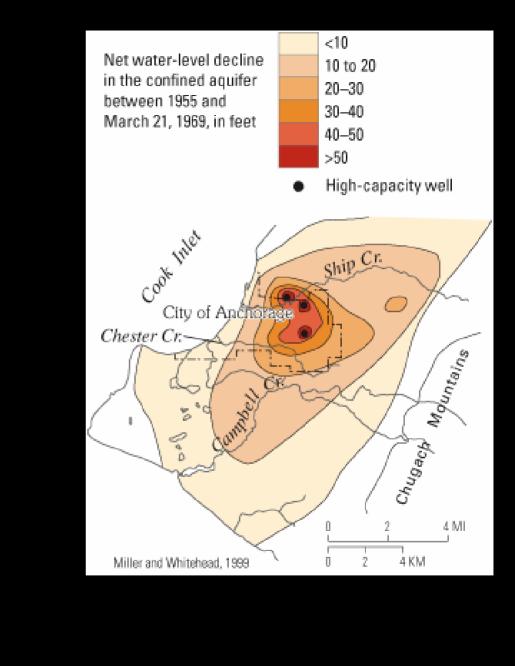












### Major Groundwater Users

#### Type of Use

- Groundwater cooling
- Hatcheries
- Float plane basin
- Public Water Supply
- Wastewater Treatment

#### Permitted Volume (gpd)

11,648,274

14,660,668

913,387

17,014,330

864,000



